

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 10/539,028 Conf. No.: 2557  
Inventor: Michael Perkuhn et al  
Filed: June 15, 2005  
TC/AU: 3768  
Examiner: Sunjay Cattungal  
Title: Fabric-Integrated Conductivity Sensor  
Docket No.: PHDE020292US (PHC-10-6732)  
Customer No.: 24737

---

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

May 2, 2010

**AMENDMENT**  
**(Submitted with an RCE)**

Dear Sir:

In response to the final Office Action mailed March 2, 2010, please reconsider the above-identified application in view of the comments herein.

**A Listing of the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.

---

CERTIFICATE OF ELECTRONIC TRANSMISSION

I certify that this Amendment and RCE are being filed on the date indicated below by electronic transmission with the United States Patent and Trademark Office via the electronic filing system (EFS-Web).

April 29 2010

Patricia A. Heim  
Patricia A. Heim

---